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THE PATENT AND TRADEMARK OFFICE OFFICIAL FILING DATE STAMP HEREON IS ACKNOWLEDGMENT OF FILING:

1. TRANSMITTAL LETTER TO THE U.S. DESIGNATED ELECTED OFFICE
2. CHANGE OF CORRESPONDENCE ADDRESS
3. PRELIMINARY AMENDMENT
4. EXECUTED DECLARATION AND POWER OF ATTORNEY
5. VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS
6. INFORMATION DISCLOSURE STATEMENT/FORM PTO-1449 – 7 REFS.
7. COPY OF WO 2004/008866
8. COPY OF INTERNATIONAL PRELIMINARY EXAMINATION REORT
9. COPY OF INTERNATIONAL SEARCH REPORT

TITLE- METHOD AND PLANT FOR TREATING BIOLOGICAL LIQUIDS, PARTICULARLY MILK AND ITS DERIVATES

INVENTOR: Antonio POLATO *et al.*

Serial No. Unassigned

Docket No. 66434-019
CLIENT REF.: IN129US
BASED ON INT'L PCT/IB2003/002952
INT'L FILING DATE: 24 July 2003 Priority Date Claimed: 24 July 2002

DATE FILED : December 6, 2004   January 24, 2005

FORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE (REV. 07-2004)	ATTORNEY'S DOCKET NUMBER /66434-019
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371	U.S. APPLICATION NO. (If known, see 37 CFR 1.5) **10/517 005**

INTERNATIONAL APPLICATION NO. PCT/IB2003/002952	INTERNATIONAL FILING DATE 24 July 2003	PRIORITY DATE CLAIMED 24 July 2002

TITLE OF INVENTION
METHOD AND PLANT FOR TREATING BIOLOGICAL LIQUIDS, PARTICULARLY MILK AND ITS DERIVATES

APPLICANT(S) FOR DO/EO/US
Antonio POLATO
Renzo GAMBERINI

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.

2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.

3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.

4. ☐ The US has been elected (Article 31).

5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c) (2))

    a. ☐ is attached hereto (required only if not communicated by the International Bureau).

    b. ☒ has been communicated by the International Bureau.

    c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).

6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).

    a. ☐ is attached hereto.

    b. ☒ has been previously submitted under 35 U.S.C. 154(d)(4).

7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))

    a. ☐ are attached hereto (required only if not communicated by the International Bureau).

    b. ☒ have been communicated by the International Bureau.

    c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.

    d. ☐ have not been made and will not be made.

8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).

9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).

10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

11. ☒ A copy of the International Preliminary Examination Report (PCT/IPEA/409).

12. ☒ A copy of the International Search Report (PCT/ISA/210).

Items 13 to 23 below concern document(s) or information included:

13. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.

14. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.

15. ☒ A **FIRST** preliminary amendment.

16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.

17. ☐ A substitute specification.

18. ☐ A power of attorney and/or change of address letter.

19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.

20. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).

21. ☐ A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).

22. ☐ Express Mail Label No.

23. ☒ Other items or information:

    WO 2004/008866; Verified Statement (Declaration) Claiming Small Entity
    Copy of Specification and Claims

PCTUS1/REV04

U.S. APPLICATION NO (if known, see 37 CFR 1(S)) **10/517005**	INTERNATIONAL APPLICATION NO. **PCT/IB2003/002952**	ATTORNEY'S DOCKET NUMBER **66352-0023**

24.   The following fees are submitted:.

BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)) :

	CALCULATIONS PTO USE ONLY

☐ Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO **$1110.00**

☒ International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO **$950.00**

☐ International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO **$790.00**

☐ International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) **$750.00**

☐ International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) **$100.00**

ENTER APPROPRIATE BASIC FEE AMOUNT = | **$950.00** |

Surcharge of **$130.00** for furnishing the oath or declaration later than ☐ 20 ☐ 30 months from the earliest claimed priority date (37 CFR 1.492(e)). | **$0.00** |

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	24 - 20 =	4	x $18.00	**$72.00**	
Independent claims	2 - 3 =	0	x $84.00	**$0.00**	
Multiple Dependent Claims **(check if applicable).**			☐	**$0.00**	

TOTAL OF ABOVE CALCULATIONS   = | **$1,022.00** |

☒ Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. | **$511.00** |

SUBTOTAL   = | **$511.00** |

Processing fee of **$130.00** for furnishing the English translation later than ☐ 20 ☐ 30 months from the earliest claimed priority date (37 CFR 1.492(f)).   + | **$0.00** |

TOTAL NATIONAL FEE   = | **$511.00** |

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) **(check if applicable).** ☐ | **$0.00** |

TOTAL FEES ENCLOSED   = | **$511.00** |

	Amount to be: refunded	$
	charged	$

a. ☐   A check in the amount of _____ to cover the above fees is enclosed.

b. ☒   Please charge my Deposit Account No.   **04-2223**   in the amount of   **$511.00**   to cover the above fees.
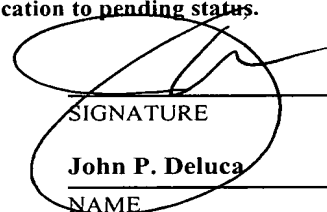
c. ☒   The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No.   **04-2223**

d. ☐   Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Customer No. 25269

SIGNATURE

John P. Deluca

NAME

25,505

REGISTRATION NUMBER

December 6, 2004

DATE